

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7150032

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KURT A. JACOBS	11/30/2021
JONATHAN E. HOFFMAN	12/12/2021
RECEIVING PARTY DATA	
Name:	THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE ARMY
Street Address:	101 ARMY PENTAGON
City:	WASHINGTON
State/Country:	D.C.
Postal Code:	20310
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17504238
CORRESPONDENCE DATA	
Fax Number:	(301)394-3972
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	301-394-1774
Email:	nadine.l.loman.civ@army.mil
Correspondent Name:	NADINE L. LOMAN
Address Line 1:	2800 POWDER MILL ROAD
Address Line 2:	U.S. ARMY DEVCOM - ARMY RESEARCH LABORATORY
Address Line 4:	ADELPHI, MARYLAND 20783
ATTORNEY DOCKET NUMBER:	ARL 21-18E
NAME OF SUBMITTER:	NADINE L. LOMAN
SIGNATURE:	/Nadine L. Loman/
DATE SIGNED:	01/31/2022
Total Attachments: 2	
source=ARL 21-18E_NonProv_Assignment_KJacobs_JHoffman_Signed#page1.tif	
source=ARL 21-18E_NonProv_Assignment_KJacobs_JHoffman_Signed#page2.tif	

ASSIGNMENT AND AGREEMENT

Title of Invention: **A Polariton-Stabilized Solid-State Spin Clock**

Inventor(s): Dirk R. Englund, Matthew E. Trusheim, Kurt A. Jacobs, Jonathan E. Hoffman, Donald Fahey

Date Declaration Executed:

Application Serial No.: 17/504,238 Filing Date: 10/18/2021 Docket No.: **ARL 21-18E**

I, the undersigned inventor, in consideration of the rights of the Government of the United States acquired by virtue of circumstances under which the above-identified invention was made, hereby:

1. Assign to the Government of the United States, as represented by the Secretary of the Army, my entire right, title, and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation or division of said application and any reissue or extension of said Letters Patent.
2. Agree to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the Government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all right, title and interest in the invention in such foreign country shall remain in me, subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent in which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherance of the foreign policies of the Government.
3. Agree to provide any further information within my knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.

Signature of Inventor: **JACOBS.KURT.AARON.1515137625** Digitally signed by JACOBS.KURT.AARON.1515137625
Date: 2021.11.29 13:58:25 -05'00'

(First name)

(Middle Initial)

(Last Name)

Duty Address: Army Research Laboratory, Adelphi, Montgomery Maryland
(Locality) (County) (State)

Date: 11/29/2021 Typed name of Inventor: **Kurt A. Jacobs**

******(notarizing preferred)******

State of: _____) SS.

County of: _____) *[place where acknowledgement is taken]*

On the above date _____ known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that the same as his own free act and deed. In witness whereof I hereunto set my hand and official seal.

(Printed or typewritten name of notary public)

(Signature of notary public)

(SEAL)

My Commission expires on _____

Signature of Inventor: **HOFFMAN.JONATHAN.E.1505542963**

Digitally signed by HOFFMAN.JONATHAN.E.1505542963
Date: 2021.11.27 12:37:37 -05'00'

(First name) (Middle Initial) (Last Name)
Duty Address: Army Research Laboratory, Adelphi, Montgomery Maryland
(Locality) (County) (State)

Date: 01/27/2022 Typed name of Inventor: **Jonathan E. Hoffman**

******(notarizing preferred)******

State of: _____) SS.

County of: _____) *[place where acknowledgement is taken]*

On the above date _____ known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that the same as his own free act and deed. In witness whereof I hereunto set my hand and official seal.

(Printed or typewritten name of notary public)

(Signature of notary public)

(SEAL)

My Commission expires on _____